

# American Ionospheric Propagation Association

## "AIPA Leads the Way"

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2913 COLLEGE CIRCLE  
CORSICANA, TEXAS

WORLD WIDE FEE \$300

ADDRESS CORRESPONDENCE TO PRES.

PUBLISHED MONTHLY BY THE AIPA

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KENMORE 17, N.Y.

SAMPLE ISSUE 25¢

Well, here's your February issue at last. I geuss everything that could happen has happened on this one. Art and I were both sick, so it took some time to get shipping arrangements made, and then quite a bit of additional time for that hundred pound machine to arrive. When it did get here, I got a letter from Peter Koch saying he had the bannerhead you see above ready for shipment, so we waited a few days to have that on this issue.

I geuss the obvious thing for me to do would be to tell you something about myself, but first I want to thank Peter Koch for his fine printing job on our first page. We hope to see a lot of our mimeographed work enhanced by his press, we even have plans for a member's letterhead.

As for myself, I am a meager 86 station DX'er with a Philco 19" portable and a forty foot tower. Corsicana is located about sixty miles south of Dallas, and is becoming quite an industrial center for its size of 25,000 people.

We want to welcome a new member this month:

Robing Gladstone,  
Box 329,  
Harriman, N.Y.

You new york boys have really got us southerners outnumbered.

If you have time, give me your views on a general DX column for those slow Winter months that would cover all modes of DX, trying to emphasize the unusual. I've got somebody who would write it, if enough people want it.

Notice two columns of Ferdinand Dumbrowski's, one of them was too late for last copy.

You will receive your March issue about mid-month, and then the April issue should put us back on schedule.

Thanks to those who wrote, especially Bedford Brown and Donald Guland, I'll try to answer those. 73's Grady.

# MISCELLANEOUS RAMBLINGS

and

## CANADIAN NEWS

Jim Dillon,

911 College Ave.,

Regina, Saskatchewan.

### item # 4 RECEPTION of CANADIAN STATIONS in 1962

The following facts have been compiled from the bulletin issues of January through December of 1962.

- Canadian stations received in 1962 and number of times logged:

CBWT-3	16	CKVR-3	9	CJCH-5	3	CFCN-4	2	CJCB1-6	1
CKPR-2	16	CHCT-2	8	CJOH-13	3	CFCF-12	2	CJCN-4	1
CKCK-2	14	CJIC-2	8	CJON-6	3	CKX-5	1	CHAT-6	1
CBFT-2	12	CJBR-3	6	CBUT-2	2	CJFB-5	1	CBXT-5	1
CKCW-2	11	CKCO-13	5	CKRN-4	2	CHAU-5	1	CBWT-6	1
CBFT-3	11	CFCL-6	4	CHCH-11	2	CHBC-2	1	CBMT-6	1
CHSJ-4	10	CHSA-2	4	CBLT-6	2	CJCB-4	1	CHAB-4	1

As might be expected, the low channels dominated reception. Also of note is the reception concentration on the CBWT Winnipeg focus. From here, a decreasing concentric theory appears with CBWT flanked by CKCK and CKPR. Another concentration is noted in the Atlantic provinces with CBWT, CKCW, and CHSJ having near equal totals.

A few surprises in the list include CKCO 13 Kitchener. In contrast, one would have expected stations like CFCL-2, CBUT-2, CFCN-3, CBOT-4, CHCT-2, CFCN-4, CHCK-6, to be more dominate. However, we must realize that none of the lists on this page present a full story. I am sure many more AIPA'ers received Canadian stations than were reported. This year, let us keep our respective editors overworked by sending in every single instance of reception.

The best reception dates re: Canadian stations were:

by month- July	59 reports	by day- July 15	11 reports	June 15	8 reports
June	49	May 19	10	July 5	8
May	41	July 9	9	July 6	7
Aug.	7	June 12	8	July 10	6
Jan.	7	May 9	8	May 23	5

The best locations:

by city: Enid, Okla.	44 reports	by state: Okla.	44 reports
Okauchee, Wisc.	22	N.Y.	28
Monroe, Ia.	17	Wisc.	27
Rochester, N.Y.	15	Ia.	17
Barrington, Ill.	9	Ill.	16

In total, there were 165 reports of reception from 23 locations. 35 Canadian stations were received on 51 different days.

Now that I have my new address, PLEASE send along your comments on last month's ideas, with your totals and percentages.

73's from the cold Canadian prairie west,

Jim Dillon

FEBRUARY - WASHINGTON and LINCOLN

## C O L U M N

73's Richard Bergen, III

The December bulletin, King's letter and my Dec. # column returned for illegible address all arrived in today's mail, 9 Jan. I used washable ink on the envelope of the column and it washed off. Too bad but that's the way the cookie crumbles.

I did some DXing of the upper VHF-TV band on 28 Nov. and seeing as how the receiver is calibrated in Army "G" band radio channels it took a while to look up the corresponding frequencies. The farthest of the 6 or so stations received was in Inselsberg, East Germany about 80 miles away. I spent an evening in the VHF radio relay and carrier trucks up on Wurzburg's "Signal Hill". Now that I am a full VHF operator, having just completed the schooling, I will get some time with these receivers altho not as much as I would like. But the situation should pan out OK when I get a TV set in Wurzburg. It's top priority on my list now.

I finally found an electronics magazine on the news stand but it was in Vienna, not in Germany. It is quite small compared to the big American magazines of the same type and with a similar price tag. But I'm still looking.

The Army newspaper "Stars and Stripes" yesterday had a small piece about the French UHF TV network beginning in April, 1964. See last month's column.

Now back to the EBU list:  
ALBANIA: ch. R2 in Tirana, 20 w.

Germany, West: major stations only; stations under 5kw not included:

Aachen 24, 200kw; 37, 500kw.

Aalen 8, 20kw.

Augsburg 23, 500kw.

Aurich 33, 500kw; 53, 250kw.

Baden-Baden 31, 330kw.

Berlin 7, 50kw; 33, 500kw.

Biedenkopf 2, 20kw.

Bielefeld 33, 500kw.

Bonn, 26, 100kw.

Bremen 2, 100kw; 22, 50kw; 33, 250kw.

Brotjacklriegel 7, 100kw.

Bungsberg 21, 250kw; to 500 later.

Cuxhaven 24, 330kw.

Dannenberg 43, 150kw.

Dillberg 6, 100kw.

Donnersberg 37, 330kw; 12, 100kw.

Dortmund 25, 500kw.

Düsseldorf 29, 500kw.

Eifel 23, 20kw; up to 50kw later.

Feldberg 8, 100kw.

Flensburg 4, 50kw; 39, 250kw.

Freiburg 32, 500kw.

Fulda 26, 200kw.

Gettelborner Hohe 2, 100kw.

Frankfurt 8, 100kw; 34, 500kw.

Granten 2, 100kw.

Haardtkopf 25, 200kw; 35, 200kw.

Hamburg 9, 100kw; 30, 250kw.

Hannover 8, 5kw; 24, 500kw.

Harz-West 10, 100kw.

Heide 10, 25kw.

Heidelberg 7, 50kw; 27, 500kw;

Hof 23, 200kw. (30, 500kw.)

Regensburg 21, 500kw.

Hohenpeissenberg 25, 100kw.

Hoher Bogen 55, 500kw.

Hoher Meissner 7, 100kw.

Hornisgrinde 9, 100kw.

Kaiserslautern 22, 25kw.

Kassel 35, 100kw.

Kiel 5, 5kw; 35, 250kw.

Kleve 22, 60kw; off the air now.

Koblenz 6, 50kw; 31, 100kw.

Köln (Cologne) 11, 5kw.

Kreuzberg 3, 100kw.

Langerberg 3, 100kw.

Lingen 24, 35kw; later 500kw; 41,

Minden 26, 100kw; later to 250kw.

München (Munich) 35, 250kw.

Münster 32, 250kw; 21, 250kw.

Niebull 34, 200kw.

Nürnberg 34, 250kw.

Ochsenkopf 4, 100kw.

Raichberg 4, 40kw.

Ravensburg 37, 500kw.

Rottweil 35, 300kw.

Saarbrücken 32, 500kw.

Saarlouis 31, 20kw.

Schleswig 26, 100kw.

Spessart 35, 250kw.

Stuttgart 11, 100kw; 26, 300kw.

Teutoburger Wald 11, 100kw.

Torfhaus 23, 500kw.

Trier 37, 50kw.

Uelzen 27, 500kw.

Waldenburg 9, 100kw.

Wannenberg 28, 5kw.

Weinbiet 10, 50kw; 6, 30kw.

Wendelstein 10, 100kw.

Wuppertal 22, 100kw.

And last but not least Wurzburg 25, 250

kw. Ch.10 here is only 2kw. 73's.

It appears that the type is a little smaller on this typewriter than on regular American machines, but this is a German typewriter although it has an English keyboard, not a German one. But its a real dandy of a machine. It belongs to the writing room of the Service Club here at Lengries, Germany near the Austrian border south of Munich. I arrived here yesterday from Wurzburg, my permanent assignment, at 123rd Signal. I am to be down here for a 6 week school in VHF radio relay and carrier. Its not really what I want but its a lot closer to TV repair than my previous job, cooking. When I arrived in Wurzburg 17 Nov. they assigned me to this signal outfit as a cook with the understanding that I could later be trained in an electronics specialty nearer to my abilities, taking into consideration my electronics schooling in civilian life. I cooked less than 4 days before I was pulled out of the mess hall. And now here I am in the U.S. Army Signal School.

A native told me yesterday there aren't any good magazines here and I'm inclined to believe him. I haven't seen a TV-electronics magazine here yet, in my 2 weeks in Germany. Maybe I can go to Munich next weekend and see what they have on the newsstands and in the library. There are several magazines of the TV Guide format but they aren't the type I want, like our servicemen's and experimenter's magazines in the states. However, I did get some information in the states before coming over here, so here it is:

1. The first color TV experiments in the Federal Republic of West Germany are due on the air at this time. I haven't seen enough TV here yet to testify whether they are or not. The experiments would probably begin up north anyhow. I believe Hamburg is the TV capital from what I've seen.
  2. Speaking of color, I see ABC started transmitting color test signals in the states on 2 July. The loss of "Walt Disney Presents" was too much I guess.
  3. Korea has its 2nd TV station. Asergeant at Fort Knox told me they did and I found a Korean magazine which confirmed it. the new government station of the YBS system is HLCK-TV which began in Dec., 1961. No channel indicated. American standards, of course, just like the old station HLKZ-2, which began May '56.
  4. Wireless World in an article earlier this year mentions channels 34 and 44 in London will be 160kw each. These will be in the new UHF network of the BBC due to begin in late 1963 or so.
  5. Belgium, Spain and Norway are also talking about another network but no details.
  6. Also in Britain, it is planned that it will take 10 years to eradicate the 405 lines system under present plans of a gradual changeover. The new BBC-UHF network will be on 625 lines using the same channels as on the continent, at 8 mc spacing beginning with ch.21 at 470 mc. All TV sets for sale in Wurzburg are VHF-UHF receivers, and receive channels 12 and 22 now. Programming is lousy but they want it anyhow. Back to the subject of Britain again, at the end of the 10 years, the VHF standards will also become 625 lines, since the the UHF programming will have been duplicated on UHF long enough so that virtually all TV sets in use will receive 625 lines.
  7. Sierre Leone put its first TV station on the air in Aug. on CCIR standards.
  8. There's more TV in Nigeria now, too. Added to the previous commercial stations, a new commercial station went on the air in March at Kaduna, and the federal government put ch.E10 on the air at Lagos. They plan more at Enugu and Kaduna.
  9. TV Kenya began in Oct. at Limuru near Nairobi, 11 ml. NW. Band I, 625 lines.
  10. TV in Malaya is to begin within 18 months at Kuala Lumpur with 2 stations, and more later. It will have limited commercials, Bands I and III, 625 lines.
  11. CHAB-4 in Moose Jaw, Sask. will join the CTV network. CKCK-2 plans to build a satellite nearby to enable local residents to continue to receive the CBC.
  12. There are reports of a new station in Port-of-Spain, Trinidad on ch.2 but I haven't been able to get much definite evidence. CBS has a hand in it somehow, but I'm not sure if its on the air yet.
  13. Japan and Britain now have 12 million receivers each, West Germany 6.7, Canada 5, Italy 3.3, Australia 1.5, and there are 5 million in Latin Amer. outside Brazil
- Thats all this month. I hope the AIPA is still here next month. Come on fellas!!!!

AIPA

F M D X

Dawid Janowski  
747-A South 23 Street  
Milwaukee, Wisconsin

February, 1963

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FM REPORTS

RICHARD BERGEN, 115 Bassett Ct. in Lexington, Ky added a few FMers to his Lexington and La Grange (home) logs. Reception from Lexington (all NEW)—WEEC 100.7 WISH 107.9 WKET 99.9, WTVN 96.3, and WBLV ??? Lexington total is now 22. During the holidays the following were logged as new ones: WNAS 88.1, WEEC 100.7, WFOL 94.9, WMIX 94.1, WRAY 93.1, WDWS 97.5, WPRS 98.3 WCNB 100.3, and WITZ 104.7—these bring Dick's LaGrange total to 51. ~~Dick hopes to have his "Jones Log" by now. It seems to be a bit overdue!~~

BOB SEYBOLD notes that FM DX has been very poor. His DX includes only 1 new one, a local from Buffalo, NY. All heard from Oct 10 to Jan 21—WAPS 89.1, WLKR 95.3, WVIC 94.9 WEEC 100.7, WEPA 95.1, WRFD, WVKO 94.7, WOSV 89.7, WTOF 98.1, WPFL 96.5, WHLM 106.5, WKAR 90.5. Bob's FM total is now 204.

Thanks for the reports gentlemen. It's good to know that you are at the dials during this difficult DX period.

I would like to wish our new president the very best of luck in his new venture. He has undertaken a tremendous duty, but he will be rewarded if you and I get into the DX spirit and attain that old drive of years past.

Too many AIPA members wouldn't think of quitting the club, but provide very little information for the various editors. I'm hoping that this AIPA'er, the one who merely scans the bulletin then files it with the rest, is dead. The new AIPA member will get on the stick, view the tube, scan the band, so that the work of the past and present members will not go to waste. This past threat of the AIPA folding should serve fair warning to all concerned; the AIPA member will get out of the club only what he contributes.

We are near the low point of the 11 year sunspot cycle. E'ship reception should pick up in the next few years. New DXers and "E'skip" only boys should swell the club membership. Many more members will be equipped for European reception. Also, the TV DXer of old may find the FM DX band a surprising and welcome relief from the crowded TV channels. The 100 FM channels, with a chance for 3 or 4 on each channel, make the FM band "wide open," even though the FM band is getting a bit crowded. When I had a bit of an FM DX set up years ago, I found that FM DX provided alot of thrills, if only during those 2100-2400 hours when I waited for the TV locals to sign off. You can't realize how the ~~water is gentlemen, unless your jump in.~~

73's

Dave

Amidst the bitter cold of this winter, we shall endeavor to prepare another chapter of AIPA Standards for your reading pleasure!

### More Delinquent Signers

Yes, we've found them -- Frank Wheeler's delinquent verifiers. Below are listed Frank's non-operative stations:

WEDU ch.3 Tampa, Florida  
 KTWO TV ch.2 Casper, Wyoming  
 CJON TV ch.6 St. Johns, New Foundland  
 WTVY ch.4 Dothan, Alabama  
 WTOM TV ch.4 Cheboygan, Michigan  
 KMID TV ch.2 Midland, Texas  
 WFIL TV ch.6 Philadelphia, Pennsylvania  
 RFSA TV ch.5 Fort Smith, Arkansas

For you newcomers to the column, delinquent signers are stations which do not reply to your request for a verification. They are listed here in hopes that the right signers can be sent to those who need them, and the list of full-time non-verifiers can be pinned down.

### Shorts from the Standards Column

---A state educational TV network of nine stations is being planned for Illinois according to Broadcasting magazine. The proposed stations will be linked up with the present outlets in operation: WTTW, WSIU TV, and WILL TV.

---The new WLRW (FM), 94.5 mc., in Champaign, Illinois, just took the air a few days ago. They are already broadcasting in FM stereo and plan to go 24 hours a day. If you receive them, they will verify by QSL card. Their address is WLRW, 2014 Skyline Drive, Champaign, Ill.

I recently spoke on the phone to Mr. Conrad, Director of Operations for WLRW. He said that the unusual feature of the new station is that it is staffed by several handicapped people from the University and the Champaign area.

---The new Jones Log was finally received (at last!) It looks better than ever.

---The record reception for WILL TV, which was mentioned last month, has been traced to Lexington, Mississippi -- a distance of about 505 miles. This beats the old record by quite a margin.

---Chicago will get its first UHF station this coming May. Channel 26, WCJU, will be devoted to programming for Negro and other special interest groups. Approximately eight hours of programming a day is planned for the new station.

Please note the new address for me at the top of the page. This address will be permanent for the next year. Please do not use the address which was printed in last month's bulletin.

Until next time---

Best DX and 73's

Gary



# REVISION CH. 10 TELEVISION RECORDS

## RECORDINGS OF MEMBERS

| CALIF. LOCATION                  | Dist.     | 1. R. Seybold              | N. Y. 374 |
|----------------------------------|-----------|----------------------------|-----------|
| WB14 Birmingham, Ala.            | No Record | 2. B. Brown                | Ark. 351  |
| WALA Mobile, Ala.                | 900 AG    | 3. E. Nieman               | N. Y. 289 |
| KOOL Phoenix, Ariz.              | No Record | 4. E. Bingham              | Mo. 280   |
| *KTVE El Dorado-Monroe, Ark. La. | 400 BHa   | 5. B. Hauser               | Okla. 282 |
| KERO Bakersfield, Cal.           | 45 DSm    | 6. B. Draeb                | Wisc. 280 |
| KXTV Sacramento, Cal.            | 234 DSm   | 7. F. Dombrowski           | Wisc. 278 |
| KOGO San Diego, Cal.             | 220 DSM   | 8. D. Janowiak             | Wisc. 263 |
| KREY Montrose, Colo.             | No Record | 9. D. Nieman               | N. Y. 247 |
| WIST Miami, Fla.                 | No Record | 10. B. Meers               | Ky. 244   |
| WLBW Miami, Fla.                 | No Record | 11. B. Eckberg             | Ill. 235  |
| *WALB Albany, Ga.                | 545 BBn   | 12. G. Olson               | Ill. 213  |
| *WGEM Quincy, Ill., Mo.          | 650 RS    | 13. C. Howington           | Ohio 210  |
| *WTHI Terra Haute, Ind.          | 610 BHa   | 14. J. Farillo             | Ohio 199  |
| *KWHT Goodland, Kans.            | 345 BHa   | 15. R. Foster              | La. 170   |
| *KAKE Wichita, Kans.             | 1000 RS   | 16. F. Wheeler             | Pa. 166   |
| KLFY Lafayette, La.              | 710 BJB   | 17. D. Johnson             | Wash. 156 |
| *WILX Lansing-Onadaga, Mich.     | 510 BJB   | 18. B. Bergen              | Ky. 155   |
| *KROC Rochester, Minn. (Tie) AC  | 675 RS    | 19. D. Kanaar              | NY. 152   |
| *KTTS Springfield, Mo.           | 335 CD    | 20. D. Swanson             | Ill. 150  |
| KOLN Lincoln, Neb.               | 1300 BD   | 21. A. Friese              | N. Y. 126 |
| KTEN Ada, Okl.                   | 750 DJa   | 22. V. Schroeder           | Ill. 120  |
| KSTF Scottsbluff-Gering, Neb.    | 820 DJa   | 23. F. Cox                 | Cal. 119  |
| WTEN Albany, N. Y.               | 250 NE    | 24. D. Tomeroy             | Kans. 118 |
| *WHEC Rochester, N. Y.           | 250 BR    | 25. D. Smith               | Cal. 116  |
| WVET Rochester, N. Y.            | 143 FW    | 26. W. Burritt             | N. Y. 109 |
| KNOX Grand Forks, N. D.          | 530 BD    | 27. M. Foote               | Ida. 105  |
| KMOT Minot, N.D.                 | 205 JD    | 28. G. Girard              | Queb. 101 |
| *WBNS Columbus, Ohio             | 660 BBn   | 29. A. Konec               | N. Y. 101 |
| KTEN Ada, Okl.                   | No Record | 30. J. Pizzi               | N. Y. 86  |
| KOAK Portland, Oreg.             | No Record | 31. G. Harris              | Ida. 84   |
| *WFBG Altoona, Pa.               | 890       | 32. W. Hider               | N. Y. 76  |
| *WCAU Philadelphia, Pa.          | 1027 BBn  | 33. B. Brown               | Ill. 68   |
| WJAR Providence, R. I.           | 530 CH    | 34. R. Italiano            | N. Y. 63  |
| WEIR Knoxville, Tenn.            | 619 BD    | 35. E. Norberg             | Cal. 47   |
| WIS Columbia, S. C.              | No Record | 36. A. Vanatta             | Cal. 52   |
| WKNO Memphis, Tenn.              | 670 BD    | 37. E. Walter              | Utah 36   |
| KZTV Corpus Christi, Tex.        | 1000 DR   |                            |           |
| *KWTX Waco, Texas (Tie) R.I.     | 1375 BHi  | Best Gain-B. Hauser &      |           |
| WAVY Portsmouth, Va.             | 595 DR    | R. Seybold-4               |           |
| WSLS Roanoke, Va.                | 663 BD    | Average No. Stat. Rec.-167 |           |
| *WMVS Milwaukee, Wisc.           | 365 BM    |                            |           |
| KWRB Riverton, Wyo.              | No Record | Channel 10 Record Holders: |           |
| WBNB Charlotte Amalie, V. I.     | No Record | B. Draeb-5                 |           |
| CHCA Banff, Alta.                | No Record | B. Brown-4                 |           |
| CHCA TV1 Coronation, Alta.       | No Record | B. Hauser, D. Smith,       |           |
| CJOX Argentinia, Nfld.           | No Record | R. Seybold, B. J. Bingham  |           |
| CFPL London, Ont.                | 740 BJB   | D. Janowiak-3              |           |
| CKGN North Bay, Ont. (Tie) CB    | 500 DJa   | A. Collins, D. Ruland-2    |           |
| CFTM Montreal, Queb.             | No Record | N. Erint, B. Rawling, J.   |           |
|                                  |           | Dillon, C. Howington, B.   |           |
|                                  |           | Meers, R. Italiano, B.     |           |
|                                  |           | Hider, C. Dabelstein, F.   |           |
|                                  |           | Wheeler,-All 1.            |           |

\*New since last listing.

Frank Wheeler, 6589 Wattsburg, Road

Sorry members (Hauser, Seybold, and Draeb) who sent or had other new records on other Channels, but no room this time, they will be in for sure next month unless others beat them

Next month may have revised Ch. 11 Records and other new Records on other Channels.

Get your new records to me no later than Feb. 23, 1963.